

Title (en)
LITHIUM PRIMARY BATTERY

Title (de)
LITHIUM-PRIMÄRBATTERIE

Title (fr)
BATTERIE PRIMAIRE AU LITHIUM

Publication
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Application
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Abstract (en)
The present invention intends to provide a lithium primary battery excellent in large-current discharge characteristics in a low temperature environment without sacrificing the high-temperature storage characteristics. The present invention relates to a lithium primary battery including a positive electrode including a fluoride as a positive electrode active material, a negative electrode including metallic lithium or a lithium alloy as a negative electrode active material, a separator interposed between the positive electrode and the negative electrode, and an electrolyte. The positive electrode further includes a metal oxide being capable of absorbing and desorbing lithium ions, having a spinel structure, and having a discharge potential versus lithium lower than that of the fluoride.

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